

### 3.2 CU-2Z41CBE

Item		Unit	OUTDOOR UNIT		
Indoor Unit Combination			1.6kW + 2.5kW		
Power Source			1 Phase, 230V, 50Hz (Power supply from outdoor unit)		
Cooling Operation	Capacity		kW	4.1 (1.5 ~ 5.2)	
			BTU/h	14000 (5120 ~ 17700)	
	Electrical Data	Running Current		A	4.30
		Power Input		kW	0.94 (0.25 ~ 1.37)
		Annual Energy Consumption (AEC)		kWh	470
		EER		W/W	4.36 (6.00 ~ 3.80)
		EER Class			A
	ERP	Pdesign		kW	4.10
		SEER		W/W	9.10
		Annual Consumption		kWh	158
		ERP Class			A+++
	Power Factor		%	95	
Noise	Sound Pressure Level		dB-A (H/L)	48 / -	
	Sound Power Level		dB (H/L)	63 / -	
Heating Operation	Capacity		kW	4.6 (1.1 ~ 7.0)	
			BTU/h	15700 (3750 ~ 23900)	
	Electrical Data	Running Current		A	4.30
		Power Input		kW	0.93 (0.21 ~ 1.79)
		COP		W/W	4.95 (5.24 ~ 3.91)
		COP Class			A
	ERP	Pdesign		kW	3.50
		Tbivalent		°C	-10
		SCOP		W/W	4.80
		Annual Consumption		kWh	1021
		ERP Class			A++
	Power Factor		%	94	
Noise	Sound Pressure Level		dB-A (H/L)	50 / -	
	Sound Power Level		dB (H/L)	65 / -	
Maximum Current		A	10.9		
Maximum Input Power		W	2.53k		
Maximum High Pressure		Mpa (bar)	4.15 (41.50)		
Operating Pressure	High Pressure		Mpa (bar)	4.15 (41.50)	
	Low Pressure			2.55 (25.50)	
Starting Current		A	4.30		
Comp Output		W	900		
FM Output		W	40		
Dimension	Height		mm	619	
	Width		mm	824 (+70)	
	Depth		mm	299	
Net Weight		kg	37		
Piping	Pipe Length Range (1 room)		m	3 ~ 20	
	Maximum Pipe Length (Total Room)		m	30	
	Standard Length		m	5	
	Height Difference		m	10	
	Add. Gas Amount		g/m	15	
	Pipe Length for Add. Gas		m	20	

Item		Unit	OUTDOOR UNIT		
Refrigerant Pipe Diameter	Liquid Side	mm (inch)	6.35 (1/4)		
	Gas Side	mm (inch)	9.52 (3/8)		
Compressor	Type		Hermetic Motor / Rotary		
	Motor Type		Synchronous Electric Motor (6-poles)		
	Rated Output	W	900		
Fan Motor	Type		Propeller Fan		
	Motor Type		DC Motor (8-poles)		
	Rated Output	W	40		
Fan Speed	High (Cooling / Heating)	RPM	850 / 850		
Heat Exchanger	Type		Plate fin configuration forced draft type		
	Tube Material		Copper		
	Fin Material		Aluminum (Pre Coat)		
	Row / Stage		2 / 28		
	FPI		17		
Air Volume	High (Cooling / Heating)	m <sup>3</sup> /min (ft <sup>3</sup> /min)	32.7 (1155) / 36.9 (1305)		
Refrigerant Control Device			Expansion Valve		
Refrigerant Oil		cm <sup>3</sup>	FW50S (450)		
Refrigerant (R32)		g	1.18k		
			Dry Bulb	Wet Bulb	
Outdoor Operation Range	Cooling	Maximum	°C	46	26
		Minimum	°C	-10	—
	Heating	Maximum	°C	24	18
		Minimum	°C	-15	-16

**Note**

- Specifications are subject to change without notice for further improvement.